


02/08/02

JC961 U.S. PTO

02-11-02

EL 844055574 US

PTO/SB/05 (11-00)

Please type a plus sign (+) inside this box 

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	MI22-1943
First Inventor	David L. Dickerson
Title	Isolation Region Forming Methods
Express Mail Label No.	EL 844055574 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 39]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 15]
5. Oath or Declaration [Total Pages 4]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: See 1. in Addendum.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: 09 146,838

Prior application information: Examiner A. Mai


Group Art Unit 2814

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 021567 or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name					
Address					
City		State		Zip Code	
Country		Telephone		Fax	

Name (Print/Type)	D. Brent Kenady	Registration No. (Attorney/Agent)	40,045
Signature		Date	2-8-02

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J1046 U.S. PTO  
10/071456  
02/08/02

## Addendum

1. Check for \$740.00; Marked-Up Version Showing Changes; and Drawings filed with original Specification (pgs. 1-15).

2025-03-14 14:05:14

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**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**(\$) **740.00****Complete if Known**

Application Number	<b>Priority 09/146,838</b>
Filing Date	<b>Priority Sept. 3, 1998</b>
First Named Inventor	<b>David L. Dickerson et al.</b>
Examiner Name	<b>Priority A. Mai</b>
Group Art Unit	<b>Priority 2814</b>
Attorney Docket No.	<b>MI22-1943</b>

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit Account Number  
Deposit Account Name**23-0925****Wells St. John P.S.**

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	<b>740.00</b>
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1) (\$ 740.00)****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent	Multiple Dependent	-20**	-3**				
<b>20</b>		<b>0</b>		<b>18</b>		<b>0</b>	
<b>3</b>		<b>0</b>		<b>84</b>		<b>0</b>	
						<b>0</b>	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2) (\$ 0.00)**

\*\*or number previously paid, if greater, For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**


Large Entity | Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	<b>0.00</b>
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<b>0.00</b>
139	130	139	130	Non-English specification	<b>0.00</b>
147	2,520	147	2,520	For filing a request for ex parte reexamination	<b>0.00</b>
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<b>0.00</b>
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<b>0.00</b>
115	110	215	55	Extension for reply within first month	<b>0.00</b>
116	400	216	200	Extension for reply within second month	<b>0.00</b>
117	920	217	460	Extension for reply within third month	<b>0.00</b>
118	1,440	218	720	Extension for reply within fourth month	<b>0.00</b>
128	1,960	228	980	Extension for reply within fifth month	<b>0.00</b>
119	320	219	160	Notice of Appeal	<b>0.00</b>
120	320	220	160	Filing a brief in support of an appeal	<b>0.00</b>
121	280	221	140	Request for oral hearing	<b>0.00</b>
138	1,510	138	1,510	Petition to institute a public use proceeding	<b>0.00</b>
140	110	240	55	Petition to revive - unavoidable	<b>0.00</b>
141	1,280	241	640	Petition to revive - unintentional	<b>0.00</b>
142	1,280	242	640	Utility issue fee (or reissue)	<b>0.00</b>
143	460	243	230	Design issue fee	<b>0.00</b>
144	620	244	310	Plant issue fee	<b>0.00</b>
122	130	122	130	Petitions to the Commissioner	<b>0.00</b>
123	50	123	50	Processing fee under 37 CFR 1.17(q)	<b>0.00</b>
126	180	126	180	Submission of Information Disclosure Stmt	<b>0.00</b>
581	40	581	40	Recording each patent assignment per property (times number of properties)	<b>0.00</b>
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	<b>0.00</b>
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	<b>0.00</b>
179	740	279	370	Request for Continued Examination (RCE)	<b>0.00</b>
169	900	169	900	Request for expedited examination of a design application	<b>0.00</b>

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 0.00)****SUBMITTED BY**

Name (Print/Type)	<b>D. Brent Kenady</b>	Registration No. (Attorney/Agent)	<b>40,045</b>	Telephone	<b>(509) 624-4276</b>
Signature		Date	<b>2-8-02</b>		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Priority Application Serial No. .... 09/146,838  
Priority Filing Date ..... September 3, 1998  
Inventor ..... David L. Dickerson et al.  
Assignee ..... Micron Technology, Inc.  
Priority Group Art Unit ..... 2814  
Priority Examiner ..... A. Mai  
Attorney's Docket No. .... MI22-1943  
TITLE: Isolation Region Forming Methods


Assistant Commissioner for Patents  
Washington, D. C. 20231  
Attention: Official Draftsman

**SUBSTITUTE DRAWING REQUEST**

Please enter the enclosed substitute formal drawings in the above-referenced application in place of drawings originally filed. The content of the drawings are identical to those now on file in this application.

Acknowledgment of receipt of the formal drawings and their acceptance into the file is requested.

Respectfully submitted,

Date: 2-8-02 By:   
D. Brent Kenady  
Reg. No.: 40,045  
CUSTOMER NO. 021567

Enclosures: 15 Sheets of Formal Drawings, Figs. 1-29.